

In the Specification

Please amend the paragraph beginning at page 6, line 20 as follows:

United States Patent No. 6,430,622~~Application Serial No. 09/401,419~~
entitled "METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS
FOR AUTOMATED MOVEMENT OF IP ADDRESSES WITHIN A
CLUSTER" filed September 22, 1999, the disclosure of which is incorporated
herein by reference as if set forth fully herein, describes dynamic virtual IP
addresses (VIPA) and their use. As described in the '~~419-application~~622 patent, a
dynamic VIPA may be automatically moved from protocol stack to protocol stack
in a predefined manner to overcome failures of a particular protocol stack (*i.e.*
VIPA takeover). Such a predefined movement may provide a predefined backup
protocol stack for a particular VIPA. VIPA takeover was made available by
International Business Machines Corporation (IBM), Armonk, NY, in OS/390
V2R8 which had a general availability date of September, 1999.

Please amend the paragraph beginning at page 24, line 12 as follows:

If the message is of another type (block **700**), then processing of the
message may be carried out based on the type of other message (block **704**). For
example, other messages and their processing are described in United States
Patent Application Serial No. 09/640,409, filed August 17, 2000, and entitled
"METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR
CLUSTER WORKLOAD DISTRIBUTION" and/or United States Patent
Application Serial No. 09/862,968, filed May 22, 2001, and entitled
"METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR
PORT ASSIGNMENTS OF MULTIPLE APPLICATION INSTANCES USING
THE SAME SOURCE IP ADDRESS", and published as United States Patent
Application Publication No. 2002/0178268, the disclosures of which are
incorporated herein by reference as if set forth fully herein.

In re: Aiken et al.

Application Serial No.: 10/087,853

Filed: March 4, 2002

Page 4 of 20

Please amend the paragraph beginning at page 29, line 17 as follows:

The communication protocol stacks **22, 26, 30, 34** and **38** may be configured as to which stacks are routing stacks, backup routing stacks and server stacks. Different DVIPAs may have different sets of backup stacks, possibly overlapping. In some embodiments, the definition of backup stacks may be the same as that for the VIPA takeover function described in United States Patent ~~Application Serial No. 09/401,419~~ No. 6,430,622, entitled "METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR AUTOMATED MOVEMENT OF IP ADDRESSES WITHIN A CLUSTER" which is incorporated herein by reference as if set forth fully herein.